

ABSTRACT OF THE DISCLOSURE

A programmable controller comprises a speed pattern generator (12) including speed pattern generator units (12a-12n) that respond to input quantities of the amount of movement, speed, acceleration time and deceleration time by calculating a desired speed pattern for output to a servomotor (17). A desired speed pattern is generated by simultaneously operating any of the speed pattern generator units (12a-12n) of the speed pattern generator (12). The speed pattern provided by the speed pattern generator (12) is output to a console (14), on which the user can process the speed pattern freely.